

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Previously Presented): An LED (light emitting diode) light, comprising:

- (a) an LED light source;
- (b) a thermoelectric device onto which said LED light source is mounted;
- (c) a thermoelectric device controller configured to control said thermoelectric device to maintain said LED light source within a predetermined temperature range; and
- (d) control circuitry configured to provide a pulse signal to said LED light source, wherein said control circuitry comprises:

- (d1) a variable pulse height regulator configured to provide a variable pulse height signal to said LED light source;

- (d2) a solid state switch configured to provide a control of said variable pulse height regulator; and

- (d3) a timer circuit configured to provide a control of said solid state switch.

Claim 2 (Original): The LED light according to claim 1, further comprising:

- (e) a temperature sensor configured to sense a temperature at at least a portion of said LED light source.

Claim 3 (Original): The LED light according to claim 1, further comprising:

- (e) a modulation control configured to control the pulse signal provided to said LED light source.

Claim 4 (Original): The LED light according to claim 2, further comprising:

(f) a modulation control configured to control the pulse signal provided to said LED light source.

Claim 5 (Original): The LED light according to claim 1, further comprising:

(e) an optical feedback controller configured to provide a control signal to said thermoelectric device controller.

Claim 6 (Original): The LED light according to claim 2, further comprising:

(f) an optical feedback controller configured to provide a control signal to said thermoelectric device controller.

Claim 7 (Original): The LED light according to claim 3, further comprising:

(f) an optical feedback controller configured to provide a control signal to said thermoelectric device controller.

Claim 8 (Original): The LED light according to claim 4, further comprising:

(g) an optical feedback controller configured to provide a control signal to said thermoelectric device controller.

Claims 9-18 (Canceled).

Claim 19 (Previously Presented): An obstruction light comprising:

(a) a first strobe light source for outputting strobe light of a first color;

(b) an LED (light emitting diode) strobe light for outputting light of a second color, and comprising:

- (b1) an LED light source;
- (b2) a thermoelectric device onto which said LED light source is mounted;
- (b3) a thermoelectric device controller configured to control said thermoelectric device to maintain said LED light source within a predetermined temperature range; and
- (b4) control circuitry configured to provide a pulse signal to said LED light source, wherein said control circuitry (b4) comprises:

- (c1) a variable pulse height regulator configured to provide a variable pulse height signal to said LED light source;

- (c2) a solid state switch configured to provide a control of said variable pulse height regulator; and

- (c3) a timer circuit configured to provide a control of said solid state switch.

Claim 20 (Original): The obstruction light according to claim 19, wherein said LED strobe light further comprises:

- (b5) a temperature sensor configured to sense a temperature at at least a portion of said LED light source.

Claim 21 (Original): The obstruction light according to claim 19, wherein said LED strobe light further comprises:

- (b5) a modulation control configured to control the pulse signal provided to said LED light source.

Claim 22 (Original): The obstruction light according to claim 20, wherein said LED strobe light further comprises:

(b6) a modulation control configured to control the pulse signal provided to said LED light source.

Claim 23 (Original): The obstruction light according to claim 19, wherein said LED strobe light further comprises:

(b5) an optical feedback controller configured to provide a control signal to said thermoelectric device controller.

Claim 24 (Original): The obstruction light according to claim 20, wherein said LED strobe light further comprises:

(b6) an optical feedback controller configured to provide a control signal to said thermoelectric device controller.

Claim 25 (Original): The obstruction light according to claim 21, wherein said LED strobe light further comprises:

(b6) an optical feedback controller configured to provide a control signal to said thermoelectric device controller.

Claim 26 (Original): The obstruction light according to claim 22, wherein said LED strobe light further comprises:

(b7) an optical feedback controller configured to provide a control signal to said thermoelectric device controller.

Claims 27-36 (Canceled).

Claim 37 (Previously Presented): An LED (light emitting diode) light, comprising:

(a) an LED light source;

(b) control circuitry configured to provide a pulse signal to said LED light source,

wherein said control circuitry comprises:

(b1) a variable pulse height regulator configured to provide a variable pulse height signal to said LED light source;

(b2) a solid state switch configured to provide a control of said variable pulse height regulator; and

(b3) a timer circuit configured to provide a control of said solid state switch.

Claim 38 (Canceled).

Claim 39 (Previously Presented): An obstruction light comprising:

(a) a first strobe light source for outputting strobe light of a first color;

(b) an LED (light emitting diode) strobe light for outputting light of a second color,

and comprising:

(b1) an LED light source;

(b2) control circuitry configured to provide a pulse signal to said LED light source,

wherein said control circuitry (b2) comprises:

(c1) a variable pulse height regulator configured to provide a variable pulse height signal to said LED light source;

(c2) a solid state switch configured to provide a control of said variable pulse height regulator; and

(c3) a timer circuit configured to provide a control of said solid state switch.

Claim 40 (Canceled).